

Ref #	Hits	Search Query	DBs	Default Operator	Plura ls	Time Stamp
L1	4	("4835310") or ("4931576").PN.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TD B	OR	OFF	2005/09/01 11:41
L2	1	ep-166695-\$.did.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TD B	OR	ON	2005/09/01 11:42
L3	2	("4931576").PN.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TD B	OR	OFF	2005/09/01 11:42
L4	2	jp-2003048883-\$.did.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TD B	OR	ON	2005/09/01 11:45

L5	2	jp-2000186086-\$ did.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 11:47
L6	2	jp-2000143651-\$ did.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 11:50
L7	2	jp-10114764-\$ did.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 11:52
L8	2	jp-2000309584-\$ did.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 11:53

L9	2	jp-2000204301-\$.did.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 11:54
L10	2	jp-2001288181-\$.did.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 11:55
L11	0	us-2003149231-\$.did.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 11:55
L12	2	us-20030149231-\$.did.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 12:04

L13	10	("5807975") or ("3234236") or ("2436233").PN.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	OFF	2005/09/01 12:05
L14	2	jp-2000186086-.did.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 12:07
L15	2	jp-2000186087-.did.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 12:07
L16	2	jp-2000137307-.did.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 12:10

L17	2	jp-11180977-\$ did.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 12:11
L18	190	"4046729"	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 12:12
L19	17	(("4046729") or ("4366307") or ("4609762") or ("4681811") or ("5225472") or ("5912319") or ("6172179") or ("3454539")).PN.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	OFF	2005/09/01 12:18
L20	0	("us-20030017341-\$ did. ").PN.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	OFF	2005/09/01 12:19

L21	2	us-20030017341-\$ did.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 12:20
L22	2	("6800371").PN.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	OFF	2005/09/01 12:21
L23	6	(("6372849") or ("6509418") or ("6942843") or ("6232401")).PN.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	OFF	2005/09/01 12:35
L24	2	("6372849").PN.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	OFF	2005/09/01 12:37

L25	34962	polymercaptan or polythiol or dimercaptan or dithiol or dimercaptodioxaoctane or DMDO or dimercaptodiethylsulfide or dimercaptodiethylsulphide or DMDS or dimercaptooxapentane or dimercapto or dithio	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TD B	OR	ON	2005/09/01 12:39
L26	1325	polymercapto or polythio	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TD B	OR	ON	2005/09/01 12:39
L27	35868	I25 or I26	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TD B	OR	ON	2005/09/01 12:40

L28	10819	allylglycidylether or (allyl adj glycidyl adj ether) or (allylglycidyl adj ether) or (allyl adj glycidylether) or (epoxy adj3 (hexene or alkene or octene or decene)) or epoxyhexene or epoxyalkene or epoxyoctene or epoxydecene or (vinylcyclohexene adj (oxide or epoxide or monoepoxide)) or (vinyl adj2 cyclohexene adj2 (oxide or epoxide or monoepoxide)) or vinylcyclohexeneoxide or vinylcyclohexeneepoxide or ((butadiene or isoprene or limonene) adj3 (oxide or epoxide or monoepoxide))	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 12:48
L29	32921	(olefin?\$1 or vinyl\$2 or allyl\$2) near3 (glycidyl\$2 or oxiran?\$\$2 or epox?\$\$3)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 12:49
L30	25961	(glycidyl adj (acrylate or methacrylate)) or glycidylacrylate or glycidylmethacrylate	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 12:50

L31	53116	I28 or I29 or I30	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 12:50
L32	42	I27 near10 I31	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2005/09/01 12:58

10/617,582

(FILE 'HOME' ENTERED AT 10:47:08 ON 01 SEP 2005)

FILE 'STNGUIDE' ENTERED AT 10:48:20 ON 01 SEP 2005

FILE 'REGISTRY' ENTERED AT 10:52:58 ON 01 SEP 2005

L1                   STRUCTURE UPLOADED

L2                   38 S L1

L3                   1 S 207556-36-3/RN

L4                   1 S 207556-36-3/RN

L5                   1 S 240402-28-2/RN

L6                   247 S C8H14O2S2/MF

L7                   1 S L6 AND OXIRANE

L8                   174 S C7H12O2S2/MF

L9                   0 S L8 AND OXIRANE

FILE 'CAPLUS' ENTERED AT 11:03:05 ON 01 SEP 2005

L10                  1 S 230950-21-7#/RN

L11                  7 S 207556-36-3#/RN

FILE 'STNGUIDE' ENTERED AT 11:05:53 ON 01 SEP 2005

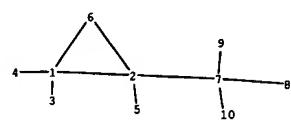
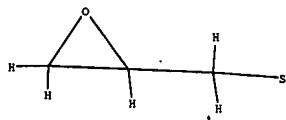
L12                  0 S 103296-84-0#/RN

FILE 'REGISTRY' ENTERED AT 11:14:29 ON 01 SEP 2005

FILE 'CAPLUS' ENTERED AT 11:14:35 ON 01 SEP 2005

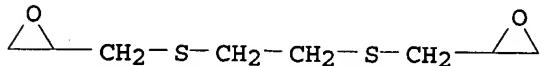
L13                  12 S 103296-84-0#/RN

FILE 'STNGUIDE' ENTERED AT 11:14:50 ON 01 SEP 2005



```
chain nodes :  
 3 4 5 7 8 9 10  
ring nodes :  
 1 2 6  
chain bonds :  
 1-4 1-3 2-5 2-7 7-9 7-10 7-8  
ring bonds :  
 1-6 1-2 2-6  
exact/norm bonds :  
 1-6 1-2 2-6 7-8  
exact bonds :  
 1-4 1-3 2-5 2-7 7-9 7-10  
  
Match level :  
 1:Atom 2:Atom 3:CLASS 4:CLASS 5:CLASS 6:Atom 7:CLASS 8:CLASS  
9:CLASS 10:CLASS
```

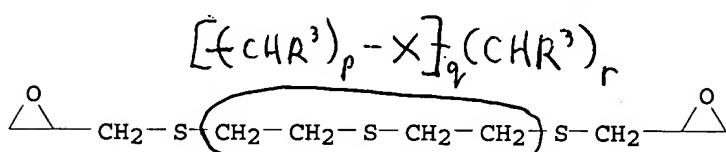
RN 103296-84-0 REGISTRY  
ED Entered STN: 19 Jul 1986  
CN Oxirane, 2,2'-[1,2-ethanediylbis(thiomethylene)]bis- (9CI) (CA  
INDEX NAME)  
OTHER NAMES:  
CN 1,2-Bis(glycidylthio)ethane  
FS 3D CONCORD  
MF C8 H14 O2 S2  
CI COM  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

12 REFERENCES IN FILE CA (1907 TO DATE)  
12 REFERENCES IN FILE CAPLUS (1907 TO DATE)

RN 207556-36-3 REGISTRY  
ED Entered STN: 24 Jun 1998  
CN Oxirane, 2,2'-(thiobis(2,1-ethanediylthiomethylene))bis- (9CI) (CA INDEX  
NAME)  
FS 3D CONCORD  
MF C10 H18 O2 S3  
CI COM  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT

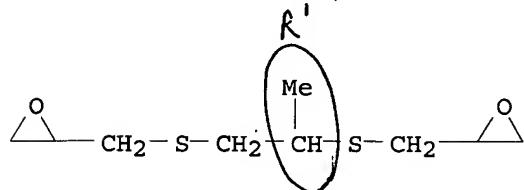


$$\begin{aligned} R^3 &= H \\ X &= S \\ p &= 2 \\ q &= 1 \\ r &= 2 \end{aligned}$$

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

7 REFERENCES IN FILE CA (1907 TO DATE)  
7 REFERENCES IN FILE CAPLUS (1907 TO DATE)

RN 230950-21-7 REGISTRY  
ED Entered STN: 06 Aug 1999  
CN Oxirane, 2,2'-[ (1-methyl-1,2-ethanediyl)bis(thiomethylene)]bis- (9CI) (CA  
INDEX NAME)  
FS 3D CONCORD  
MF C9 H16 O2 S2  
SR CA  
LC STN Files: CA, CAPLUS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

(FILE 'HOME' ENTERED AT 13:37:26 ON 01 SEP 2005)

FILE 'STNGUIDE' ENTERED AT 13:37:31 ON 01 SEP 2005

FILE 'REGISTRY' ENTERED AT 13:40:19 ON 01 SEP 2005

L1           3 S DIMERCAPTOODIOXAOCTANE  
L2           1 S 14970-87-7#/RN  
L3           1 S DIMERCAPTODIETHYLSULFIDE  
L4           1 S 3570-55-6#/RN  
L5           438 S ALLYL (W) GLYCIDYL (W) ETHER  
L6           392 S EPOXY (3W) HEXENE  
L7           4 S EPOXY (W) 7 (W) OCTENE  
L8           3 S EPOXY (W) 9 (W) DECENE  
L9           30 S VINYL (2W) CYCLOHEXENE (3W) EPOXIDE  
L10          28 S BUTADIENE (2A) (EPOXIDE OR MONOEPoxide)  
L11          1 S ISOPRENE (W) EPOXIDE  
L12          0 S IIMONENE (W) (EPOXIDE OR MONOEPoxide)  
L13          4 S LIMONENE (W) (EPOXIDE OR MONOEPoxide)  
L14          2 S (14970-87-7# OR 3570-55-6#)/RN  
L15          610 S (14970-87-7# OR 3570-55-6#)/CRN  
L16          1942 S (106-92-3# OR 10353-53-4# OR 105205-70-7# OR 52485-73-1# OR 1  
L17          19 S (1838-94-4# OR 13837-75-7# OR 4959-35-7# OR 1195-92-2#)/CRN  
L18          8 S L15 AND (L16 OR L17)

FILE 'CAPLUS' ENTERED AT 13:54:49 ON 01 SEP 2005

L19          1 S 823797-39-3#/RN  
L20          559 S (14970-87-7# OR 3570-55-6#)/RN  
              S (14970-87-7# OR 3570-55-6#)/CRN

FILE 'REGISTRY' ENTERED AT 13:56:46 ON 01 SEP 2005

L21          610 S (14970-87-7# OR 3570-55-6#)/CRN

FILE 'CAPLUS' ENTERED AT 13:56:46 ON 01 SEP 2005

L22          257 S L21  
L23          785 S L20 OR L22  
L24          3516 S (106-92-3# OR 10353-53-4# OR 105205-70-7# OR 52485-73-1# OR 1  
              S (106-92-3# OR 10353-53-4# OR 105205-70-7# OR 52485-73-1# OR 1

FILE 'REGISTRY' ENTERED AT 13:58:41 ON 01 SEP 2005

L25          1942 S (106-92-3# OR 10353-53-4# OR 105205-70-7# OR 52485-73-1# OR 1

FILE 'CAPLUS' ENTERED AT 13:58:41 ON 01 SEP 2005

L26          2439 S L25  
L27          5837 S L24 OR L26  
L28          1044 S (1838-94-4# OR 13837-75-7# OR 4959-35-7# OR 1195-92-2# OR 823  
              S (1838-94-4# OR 13837-75-7# OR 4959-35-7# OR 1195-92-2# OR 823

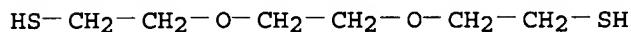
FILE 'REGISTRY' ENTERED AT 13:59:57 ON 01 SEP 2005

L29          19 S (1838-94-4# OR 13837-75-7# OR 4959-35-7# OR 1195-92-2# OR 823

FILE 'CAPLUS' ENTERED AT 13:59:58 ON 01 SEP 2005

L30          22 S L29  
L31          1064 S L28 OR L30  
L32          11 S L23 AND (L27 OR L30)

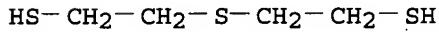
RN 14970-87-7 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Ethanethiol, 2,2'-(1,2-ethanediylbis(oxy)]bis- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Ethanethiol, 2,2'-(ethylenedioxy)di- (6CI, 8CI)  
OTHER NAMES:  
CN 1,2-Bis(2'-mercaptoethoxy)ethane  
CN 1,2-Bis(2-mercaptoethoxy)ethane  
CN 1,8-Dimercapto-3,6-dioxaoctane  
CN 2,2'-(Ethylenedioxy)diethanethiol  
CN 3,6-Dioxaoctane-1,8-dithiol  
CN DMDO  
CN Ethylene glycol di-2-mercaptoethyl ether  
CN NSC 94782  
CN Triethylene glycol dimercaptan  
CN Triethylene glycol dithiol  
FS 3D CONCORD  
MF C6 H14 O2 S2  
CI COM  
LC STN Files: BEILSTEIN\*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,  
CHEMINFORMRX, CHEMLIST, CSCHEM, IFICDB, IFIPAT, IFIUDB, PROMT,  
TOXCENTER, USPAT2, USPATFULL  
(\*File contains numerically searchable property data)  
Other Sources: EINECS\*\*, NDSL\*\*, TSCA\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

187 REFERENCES IN FILE CA (1907 TO DATE)  
27 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
187 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

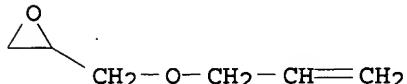
RN 3570-55-6 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Ethanethiol, 2,2'-thiobis- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Ethanethiol, 2,2'-thiodi- (6CI, 7CI, 8CI)  
OTHER NAMES:  
CN 1,4,7-Trithiaheptane  
CN 1,5-Dimercapto-3-thiapentane  
CN 1-Mercapto-2-(mercaptoethylthio)ethane  
CN 2,2'-Dimercaptodiethyl sulfide  
CN 2,2'-Dimercaptodiethyl thioether  
CN 2,2'-Thiobis[ethanethiol]  
CN 2,2'-Thiodi(ethanethiol)  
CN 2-Mercaptoethyl sulfide  
CN 2-Mercaptoethyl thioether  
CN 3-Thia-1,5-pantanedithiol  
CN Bis(2-mercaptopethyl) sulfide  
CN Bis(2-sulfanyethyl) sulfide  
CN DMDS  
CN NSC 4766  
CN TDT  
FS 3D CONCORD  
MF C4 H10 S3  
CI COM  
LC STN Files: BEILSTEIN\*, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT,  
CHEMCATS, CHEMINFORMRX, CHEMLIST, CSCHEM, DETHERM\*, EMBASE, GMELIN\*,  
HODOC\*, IFICDB, IFIPAT, IFIUDB, NIOSHTIC, SPECINFO, SYNTHLINE,  
TOXCENTER, USPAT2, USPATFULL  
(\*File contains numerically searchable property data)  
Other Sources: EINECS\*\*, NDSL\*\*, TSCA\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

412 REFERENCES IN FILE CA (1907 TO DATE)  
36 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
413 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

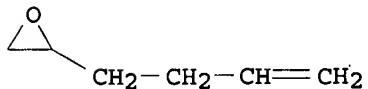
RN 106-92-3 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Oxirane, [(2-propenyloxy)methyl]- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Propane, 1-(allyloxy)-2,3-epoxy- (6CI, 8CI)  
OTHER NAMES:  
CN ( $\pm$ )-Allyl glycidyl ether  
CN 1,2-Epoxy-3-allyloxypropane  
CN 1-(2-Propenyloxy)-2,3-epoxypropane  
CN 1-Allyloxy-2,3-epoxypropane  
CN 2-Allyloxymethyloxirane  
CN A 32608  
CN AGE  
CN Allyl 2,3-epoxypropyl ether  
CN Allyl glycidyl ether  
CN Allyl oxiranemethyl ether  
CN Denacol EX 111  
CN Glycidyl 2-propenyl ether  
CN Glycidyl allyl ether  
CN NSC 18596  
CN NSC 631  
CN [(2-Propenyloxy)methyl]oxirane  
CN [(Allyloxy)methyl]oxirane  
FS 3D CONCORD  
DR 112186-06-8, 90907-93-0  
MF C6 H10 O2  
CI COM  
LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOBUSINESS, BIOSIS,  
CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX,  
CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DETHERM\*, DIPPR\*, EMBASE,  
ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, GMELIN\*, HODOC\*, HSDB\*,  
IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MSDS-OHS, NIOSHTIC, PIRA, PROMT,  
RTECS\*, SCISEARCH, SPECINFO, TOXCENTER, ULIDAT, USPAT2, USPATFULL  
(\*File contains numerically searchable property data)  
Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2037 REFERENCES IN FILE CA (1907 TO DATE)  
630 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
2042 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
108 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 10353-53-4 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Oxirane, 3-butenyl- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN 1-Hexene, 5,6-epoxy- (7CI, 8CI)  
OTHER NAMES:  
CN  $\omega$ -Butenylloxirane  
CN 1,2-Epoxy-5-hexene  
CN 2-(3-Butenyl)oxirane  
CN 3-Butenylloxirane  
CN 5,6-Epoxy-1-hexene  
CN Diallyl monooxide  
CN Diallyl monoxide  
FS 3D CONCORD  
DR 133358-40-4  
MF C6 H10 O  
CI COM  
LC STN Files: AGRICOLA, BEILSTEIN\*, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,  
CHEMINFORMRX, CHEMLIST, CSCHEM, IFICDB, IFIPAT, IFIUDB, RTECS\*,  
SPECINFO, TOXCENTER, USPAT2, USPATFULL  
(\*File contains numerically searchable property data)  
Other Sources: EINECS\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)

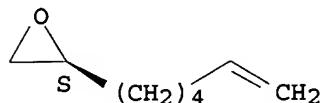


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

189 REFERENCES IN FILE CA (1907 TO DATE)  
16 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
189 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 105205-70-7 REGISTRY  
ED Entered STN: 15 Nov 1986  
CN Oxirane, 5-hexenyl-, (2S)- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Oxirane, 5-hexenyl-, (S)-  
OTHER NAMES:  
CN (-)-1,2-Epoxy-7-octene  
CN (S)-5-Hexenyloxirane  
FS STEREOSEARCH  
MF C8 H14 O  
SR CA  
LC STN Files: BEILSTEIN\*, CA, CAPLUS, CHEMINFORMRX  
(\*File contains numerically searchable property data)

Absolute stereochemistry. Rotation (-).

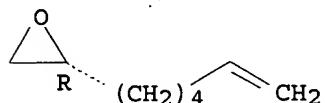


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

7 REFERENCES IN FILE CA (1907 TO DATE)  
7 REFERENCES IN FILE CAPLUS (1907 TO DATE)

RN 52485-73-1 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Oxirane, 5-hexenyl-, (2R)- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Oxirane, 5-hexenyl-, (R)-  
OTHER NAMES:  
CN (+)-1,2-Epoxy-7-octene  
CN (R)-(+)-7,8-Epoxy-1-octene  
CN (R)-5-Hexenyloxirane  
FS STEREOSEARCH  
MF C8 H14 O  
LC STN Files: BEILSTEIN\*, CA, CAPLUS, CASREACT, CHEMINFORMRX, TOXCENTER  
(\*File contains numerically searchable property data)

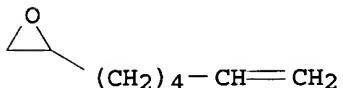
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

8 REFERENCES IN FILE CA (1907 TO DATE)  
8 REFERENCES IN FILE CAPLUS (1907 TO DATE)

RN 19600-63-6 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Oxirane, 5-hexenyl- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN 1-Octene, 7,8-epoxy- (8CI)  
OTHER NAMES:  
CN (±)-1,2-Epoxyoct-7-ene  
CN (±)-5-Hexenylloxirane  
CN (5-Hexen-1-yl)oxirane  
CN ω-Hexenyl oxirane  
CN 1,2-Epoxy-7-octene  
CN 5-Hexenylloxirane  
CN 7,8-Epoxy-1-octene  
FS 3D CONCORD  
DR 126872-17-1  
MF C8 H14 O  
CI COM  
LC STN Files: BEILSTEIN\*, BIOBUSINESS, BIOSIS, CA, CAPLUS, CASREACT,  
CHEMCATS, CHEMINFORMRX, CHEMLIST, CSCHEM, DETHERM\*, IFICDB, IFIPAT,  
IFIUDB, MSDS-OHS, RTECS\*, SPECINFO, SYNTHLINE, TOXCENTER, USPAT2,  
USPATFULL, VTB  
(\*File contains numerically searchable property data)  
Other Sources: EINECS\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)

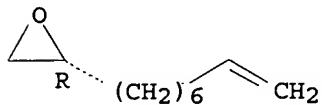


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

110 REFERENCES IN FILE CA (1907 TO DATE)  
8 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
110 REFERENCES IN FILE CAPLUS (1907 TO DATE)

RN 137310-67-9 REGISTRY  
ED Entered STN: 15 Nov 1991  
CN Oxirane, 7-octenyl-, (R)- (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN (+)-1,2-Epoxy-9-decene  
FS STEREOSEARCH  
MF C10 H18 O  
SR CA  
LC STN Files: BEILSTEIN\*, CA, CAPLUS, CASREACT, CHEMCATS, USPATFULL  
(\*File contains numerically searchable property data)

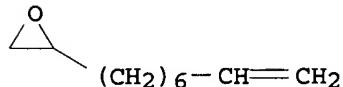
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

4 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

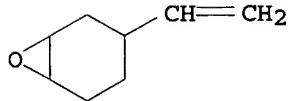
L8 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 85721-25-1 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Oxirane, (7-octenyl)- (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN (7-Octenyl)oxirane  
CN 1,2-Epoxy-9-decene  
CN 9,10-Epoxy-1-decene  
FS 3D CONCORD  
MF C10 H18 O  
CI COM  
SR European Union (EU)  
LC STN Files: BEILSTEIN\*, CA, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX,  
CHEMLIST, CSCHEM, TOXCENTER, USPAT2, USPATFULL  
(\*File contains numerically searchable property data)  
Other Sources: EINECS\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

55 REFERENCES IN FILE CA (1907 TO DATE)  
4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
55 REFERENCES IN FILE CAPLUS (1907 TO DATE)

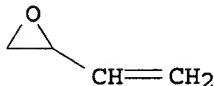
RN 106-86-5 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN 7-Oxabicyclo[4.1.0]heptane, 3-ethenyl- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN 7-Oxabicyclo[4.1.0]heptane, 3-vinyl- (6CI, 8CI)  
CN Cyclohexane, 1,2-epoxy-4-vinyl- (7CI)  
OTHER NAMES:  
CN 1,2-Epoxy-4-vinylcyclohexane  
CN 1-Ethenyl-3-cyclohexene oxide  
CN 1-Vinyl-3,4-epoxycyclohexane  
CN 3,4-Epoxycyclohexylethylene  
CN 3-Ethenyl-7-oxabicyclo[4.1.0]heptane  
CN 3-Vinyl-7-oxabicyclo[4.1.0]heptane  
CN 4-Vinyl-1-cyclohexene-1,2-epoxide  
CN 4-Vinylcyclohexane 1,2-epoxide  
CN 4-Vinylcyclohexane-1-oxide  
CN 4-Vinylcyclohexene monoepoxide  
CN 4-Vinylcyclohexene oxide  
CN Epoxide 101  
CN NSC 35409  
CN Unoxat epoxide 101  
CN Vinyl-3,4-epoxycyclohexane  
FS 3D CONCORD  
DR 29087-40-9  
MF C8 H12 O  
CI COM  
LC STN Files: BEILSTEIN\*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,  
CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, EMBASE, IFICDB, IFIPAT, IFIUDB,  
NIOSHTIC, RTECS\*, TOXCENTER, USPAT2, USPATFULL  
(\*File contains numerically searchable property data)  
Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

397 REFERENCES IN FILE CA (1907 TO DATE)  
142 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
397 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
19 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

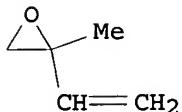
RN 930-22-3 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Oxirane, ethenyl- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN 1-Butene, 3,4-epoxy- (6CI, 8CI)  
OTHER NAMES:  
CN ( $\pm$ )-Vinyloxirane  
CN 1,2-Epoxy-3-butene  
CN 1,2-Oxido-3-butene  
CN 1,3-Butadiene monoepoxide  
CN 1,3-Butadiene monooxide  
CN 1,3-Butadiene oxide  
CN 2-Vinyloxirane  
CN 3,4-Epoxy-1-butene  
CN Butadiene epoxide  
CN Butadiene monoepoxide  
CN Butadiene monooxide  
CN Butene 3,4-epoxide  
CN Epoxybutadiene  
CN Ethenyloxirane  
CN NSC 24251  
CN NSC 8023  
CN Vinyl epoxide  
CN Vinyloxirane  
FS 3D CONCORD  
DR 22910-58-3, 88416-31-3  
MF C4 H6 O  
CI COM  
LC STN Files: AGRICOLA, BEILSTEIN\*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA,  
CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX,  
CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, EMBASE, GMELIN\*, HODOC\*, HSDB\*,  
IFICDB, IFIPAT, IFIUDB, MEDLINE, NIOSHTIC, PROMT, PS, RTECS\*, SPECINFO,  
SYNTHLINE, TOXCENTER, ULIDAT, USPAT2, USPATFULL  
(\*File contains numerically searchable property data)  
Other Sources: EINECS\*\*, NDSSL\*\*, TSCA\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

988 REFERENCES IN FILE CA (1907 TO DATE)  
56 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
989 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
42 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 1838-94-4 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Oxirane, 2-ethenyl-2-methyl- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN 1-Butene, 3,4-epoxy-3-methyl- (6CI, 7CI, 8CI)  
OTHER NAMES:  
CN 1,2-Epoxy-2-methyl-3-butene  
CN 2-Ethenyl-2-methyloxirane  
CN 2-Methyl-2-vinyloepoxide  
CN 2-Methyl-2-vinyloxacyclopropane  
CN 2-Methyl-2-vinyloxirane  
CN 2-Vinylpropylene oxide  
CN 3,4-Epoxy-3-methyl-1-butene  
CN 3-Methyl-3,4-oxido-1-butene  
CN Isoprene epoxide  
CN Isoprene oxide  
CN NSC 48598  
FS 3D CONCORD  
DR 86777-83-5  
MF C5 H8 O  
CI COM  
LC STN Files: BEILSTEIN\*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,  
CHEMINFORMRX, CSCHEM, CSNB, GMELIN\*, IFICDB, IFIPAT, IFIUDB, MEDLINE,  
NAPRALERT, PS, SPECINFO, TOXCENTER, USPAT2, USPATFULL  
(\*File contains numerically searchable property data)

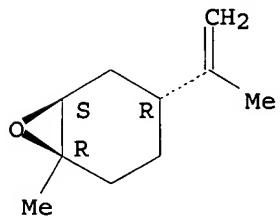


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

294 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
296 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
14 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 13837-75-7 REGISTRY  
 ED Entered STN: 16 Nov 1984  
 CN 7-Oxabicyclo[4.1.0]heptane, 1-methyl-4-(1-methylethenyl)-, (1R,4R,6S)-rel-  
     (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN 7-Oxabicyclo[4.1.0]heptane, 1-methyl-4-(1-methylethenyl)-,  
     (1 $\alpha$ ,4 $\alpha$ ,6 $\alpha$ )-  
 CN p-Menth-8-ene, 1,2-epoxy-, cis- (8CI)  
 OTHER NAMES:  
 CN 1,2-Epoxy-cis-p-menth-8-ene  
 CN 1,2-Epoxydipentene  
 CN 1 $\alpha$ ,2 $\alpha$ -Epoxylimonene  
 CN cis-1,2-Epoxy-p-menth-8-ene  
 CN cis-1,2-Epoxylimonene  
 CN cis-1,2-Limonene epoxide  
 CN cis-1,2-Limonene oxide  
 CN cis-Limonene epoxide  
 CN cis-Limonene monoepoxide  
 CN cis-Limonene oxide  
 FS STEREOSEARCH  
 DR 66141-66-0  
 MF C10 H16 O  
 CI COM  
 LC STN Files: ANABSTR, BEILSTEIN\*, BIOSIS, CA, CAPLUS, CASREACT, CHEMCATS,  
     CHEMINFORMRX, TOXCENTER, USPAT2, USPATFULL  
     (\*File contains numerically searchable property data)

Relative stereochemistry.



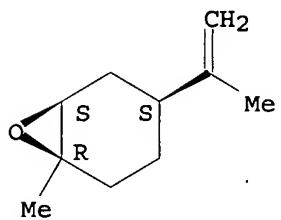
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

252 REFERENCES IN FILE CA (1907 TO DATE)  
 254 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L13 ANSWER 3 OF 4 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 4959-35-7 REGISTRY  
 ED Entered STN: 16 Nov 1984  
 CN 7-Oxabicyclo[4.1.0]heptane, 1-methyl-4-(1-methylethenyl)-, (1R,4S,6S)-rel-  
     (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN 7-Oxabicyclo[4.1.0]heptane, 1-methyl-4-(1-methylethenyl)-,  
     (1 $\alpha$ ,4 $\beta$ ,6 $\alpha$ )-  
 CN p-Menth-8-ene, 1,2-epoxy-, stereoisomer (8CI)  
 OTHER NAMES:  
 CN 1,2-Epoxy-trans-p-menth-8-ene  
 CN 1 $\beta$ ,2 $\beta$ -Epoxylimonene  
 CN trans-1,2-Epoxy-p-menth-8-ene  
 CN trans-1,2-Limonene epoxide  
 CN trans-1,2-Limonene oxide  
 CN trans-Limonene epoxide  
 CN trans-Limonene monoepoxide

CN trans-Limonene oxide  
FS STEREOSEARCH  
DR 10373-59-8, 66141-65-9, 201797-62-8  
MF C10 H16 O  
CI COM  
LC STN Files: ANABSTR, BEILSTEIN\*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT,  
CHEMINFORMRX, SPECINFO, TOXCENTER, USPAT2, USPATFULL  
(\*File contains numerically searchable property data)

Relative stereochemistry.

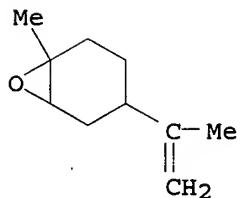


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

247 REFERENCES IN FILE CA (1907 TO DATE)  
248 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L

RN 1195-92-2 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN 7-Oxabicyclo[4.1.0]heptane, 1-methyl-4-(1-methylethenyl)- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN p-Menth-8-ene, 1,2-epoxy- (6CI, 7CI, 8CI)  
OTHER NAMES:  
CN 1,2-Epoxy-p-menth-8-ene  
CN 1,2-Epoxylimonene  
CN Limonene 1,2-epoxide  
CN Limonene 1,2-oxide  
CN Limonene epoxide  
CN Limonene monoxide  
CN Limonene oxide  
CN LMO  
CN NSC 12045  
FS 3D CONCORD  
DR 10008-60-3, 98240-20-1, 31326-91-7  
MF C10 H16 O  
CI COM  
LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS,  
BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CHEMCATS,  
CHEMINFORMRX, CHEMLIST, CSCHEM, CSNB, DDFU, DETHERM\*, DRUGU, EMBASE,  
IFICDB, IFIPAT, IFIUDB, MEDLINE, NAPRALERT, NIOSHTIC, PIRA, PROMT,  
RTECS\*, SPECINFO, TOXCENTER, USPAT2, USPATFULL  
(\*File contains numerically searchable property data)  
Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)



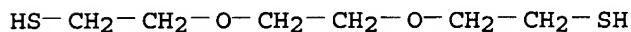
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

438 REFERENCES IN FILE CA (1907 TO DATE)  
25 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
440 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
34 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 823797-39-3 REGISTRY  
ED Entered STN: 01 Feb 2005  
CN Ethanethiol, 2,2'-[1,2-ethanediylbis(oxy)]bis-, polymer with  
1,1'-[oxybis(2,1-ethanediyl)oxy]bis[ethene] and [(2-  
propenyl)oxirane] (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN Allyl glycidyl ether-diethylene glycol divinyl ether-dimercaptodioxaoctane  
copolymer  
MF (C<sub>8</sub> H<sub>14</sub> O<sub>3</sub> . C<sub>6</sub> H<sub>14</sub> O<sub>2</sub> S<sub>2</sub> . C<sub>6</sub> H<sub>10</sub> O<sub>2</sub>)<sub>x</sub>  
CI PMS  
PCT Polyether, Polyvinyl  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

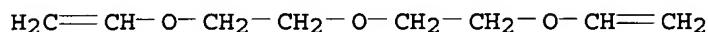
CM 1

CRN 14970-87-7  
CMF C<sub>6</sub> H<sub>14</sub> O<sub>2</sub> S<sub>2</sub>



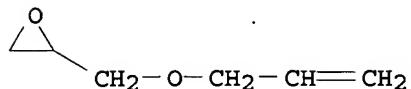
CM 2

CRN 764-99-8  
CMF C<sub>8</sub> H<sub>14</sub> O<sub>3</sub>



CM 3

CRN 106-92-3  
CMF C<sub>6</sub> H<sub>10</sub> O<sub>2</sub>



1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)